

WHAT IS CLAIMED IS:

- 1 1. A printing system comprising:
2 an ink dispenser configured to deposit ink upon a print medium; and
3 a condenser configured to condense vapor into a condensate;
4 a receptacle configured to collect the condensate, wherein the receptacle is
5 perforated to permit a portion of the condensate to evaporate.
- 1 2. The system of Claim 1, wherein the condenser includes:
2 a conduit having a conduit interior; and
3 a coolant source connected to the conduit and configured to supply coolant
4 into the conduit interior at a temperature so as to condense the vapor along the conduit.
- 1 3. The system of Claim 2, wherein the coolant source is configured to supply a
2 liquid at a temperature so as to condense the vapor along the conduit.
- 1 4. The system of Claim 2, wherein the coolant source is configured to supply a
2 gas at a temperature so as to condense the vapor along the conduit.
- 1 5. The system of Claim 2, wherein the condenser includes a fin thermally
2 coupled to the conduit.
- 1 6. The system of Claim 1, wherein the receptacle includes an inlet and means for
2 automatically occluding the inlet when disconnected from a remainder of the printing system.
- 1 7. The system of Claim 2, wherein the coolant source includes:
2 a pump configured to move fluid; and
3 a cooling device configured to cool the fluid to the temperature.
- 1 8. The system of Claim 7, wherein the cooling device includes a compressor.
- 1 9. The system of Claim 1, wherein the condenser includes a thermoelectric
2 module.
- 1 10. The system of Claim 1 including a blower configured to move the vapor along
2 the condenser.

- 1 11. The system of Claim 10 including:
2 a duct proximate the condenser and having an exhaust opening; and
3 a filter between the condenser and the exhaust opening.
- 1 12. The system of Claim 1, wherein the receptacle includes a condensate-
2 absorbing material within the receptacle.
- 1 13. The system of Claim 12, wherein the condensate-absorbing material is
2 removable from the receptacle.
- 1 14. The system of Claim 12, wherein the condensate-absorbing material comprises
2 a foam.
- 1 15. The system of Claim 1, wherein the receptacle includes:
2 an inlet through which the condensate flows into the receptacle; and
3 a closing portion movable between an inlet open position and an inlet closing
4 position.
- 1 16. The system of Claim 15, wherein the receptacle is removably coupled to a
2 remainder of the system.
- 1 17. The system of Claim 1, wherein the receptacle includes a fill indicator
2 configured to indicate a volume of the receptacle that is filled with condensate.
- 1 18. The system of Claim 1, wherein the ink dispenser includes an inkjet printhead.
- 1 19. The system of Claim 1 including a media handling system configured to
2 transport individual sheets of material relative to the ink dispenser.
- 1 20. The system of Claim 19, wherein the media handling system is configured to
2 handle sheets of material having a minor dimension less than 9 inches.
- 1 21. The system of Claim 19, wherein the handling system is configured to stack
2 the individual printed upon sheets.
- 1 22. The system of Claim 1 including a heater configured to heat the deposited ink,
2 whereby vapor is produced.

1 23. A condensate storage system comprising:
2 a receptacle having an inlet; and
3 a condensate-absorbing member within the receptacle.

1 24. The system of Claim 23, wherein the receptacle is perforate to permit a portion
2 of the condensate to evaporate.

1 25. The system of Claim 23, wherein the receptacle and the condensate-absorbing
2 member are configured to permit removal of the absorbing member from the receptacle.

1 26. The system of Claim 23, wherein the system is configured for use in a printing
2 system having an outer housing and wherein the receptacle is configured to be removably
3 received within the housing.

1 27. A printing system comprising:
2 means for depositing ink upon a print medium;
3 means for condensing vapor to form a condensate; and
4 means for storing the condensate, wherein the means for storing includes an
5 inlet and means for automatically occluding the inlet when disconnected from
6 a remainder of the printing system.
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1 28. The system of Claim 27 including means for storing includes means for
2 evaporating a portion of the condensate while the condensate is being stored.

1 29. The system of Claim 27 including means for heating the deposited ink,
2 whereby vapor is formed.

1 30. A method of printing ink upon a medium, the method comprising:
2 depositing ink upon the medium;
3 heating the deposited ink to create a vapor;
4 condensing the vapor into a condensate;
5 collecting the condensate in a first receptacle; and
6 absorbing at least a portion of the condensate into a first absorption member
7 within the first receptacle.

1 31. The method of Claim 30 including circulating a fluid through a thermally
2 conductive conduit having a condensing surface to cool the condensing surface to a
3 temperature to condense the vapor.

1 32. The method of Claim 30 including powering a thermoelectric module having a
2 cool portion and a hot portion, wherein the cool portion is thermally coupled to a condensing
3 surface along which the vapor is condensed.

1 33. The method of Claim 40 including evaporating a portion of the condensate
2 within the first receptacle.

1 34. The method of Claim 30 including replacing the first absorption member with
2 a second absorption member.

1 35. The method of Claim 30 including replacing the first receptacle with a second
2 receptacle when at least a portion of the first receptacle is filled with condensate.

1 36. The method of Claim 30 including sending the first receptacle at least partially
2 filled with the condensate to a collection entity for recycling or disposal of the condensate.

1 37. The method of Claim 30 including sensing an amount of condensate within the
2 first receptacle.

1 38. The method of Claim 30 including directing the vapor across a condensing
2 surface and through a filter.

1 39. The method of Claim 30, wherein the step of depositing ink includes ejecting
2 ink from an inkjet printhead upon the medium.